

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027030.D
 Acq On : 22 Aug 2023 17:09
 Operator : MA/JU
 Sample : 03967-18DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 23 01:43:24 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	8948	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	28620	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	17283	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	38471	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	31100	0.400	ng/ul	# 0.00
23) Perylene-d12	24.185	264	27623	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	10333	0.973	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	2253	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	5942	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	3396	0.042	ng/ul#	91
7) 2-Methylnaphthalene	12.572	142	1341	0.027	ng/ul	99
10) Acenaphthylene	14.453	152	4844	0.050	ng/ul	94
11) Acenaphthene	14.786	153	1567	0.023	ng/ul	95
12) Fluorene	15.772	166	2421	0.032	ng/ul#	98
15) Phenanthrene	17.515	178	24932	0.197	ng/ul	99
16) Anthracene	17.603	178	6186	0.054	ng/ul#	92
19) Fluoranthene	19.515	202	63117	0.489	ng/ul	98
20) Pyrene	19.882	202	59797m	0.434	ng/ul	
21) Benzo(a)anthracene	21.624	228	26245	0.212	ng/ul	95
22) Chrysene	21.679	228	31296	0.256	ng/ul#	95
24) Benzo(b)fluoranthene	23.395	252	35006m	0.335	ng/ul	
25) Benzo(k)fluoranthene	23.445	252	11732m	0.114	ng/ul	
26) Benzo(a)pyrene	24.068	252	21184	0.225	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.868	276	13339	0.108	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.885	278	3252	0.033	ng/ul#	22
29) Benzo(g,h,i)perylene	27.710	276	13012	0.127	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

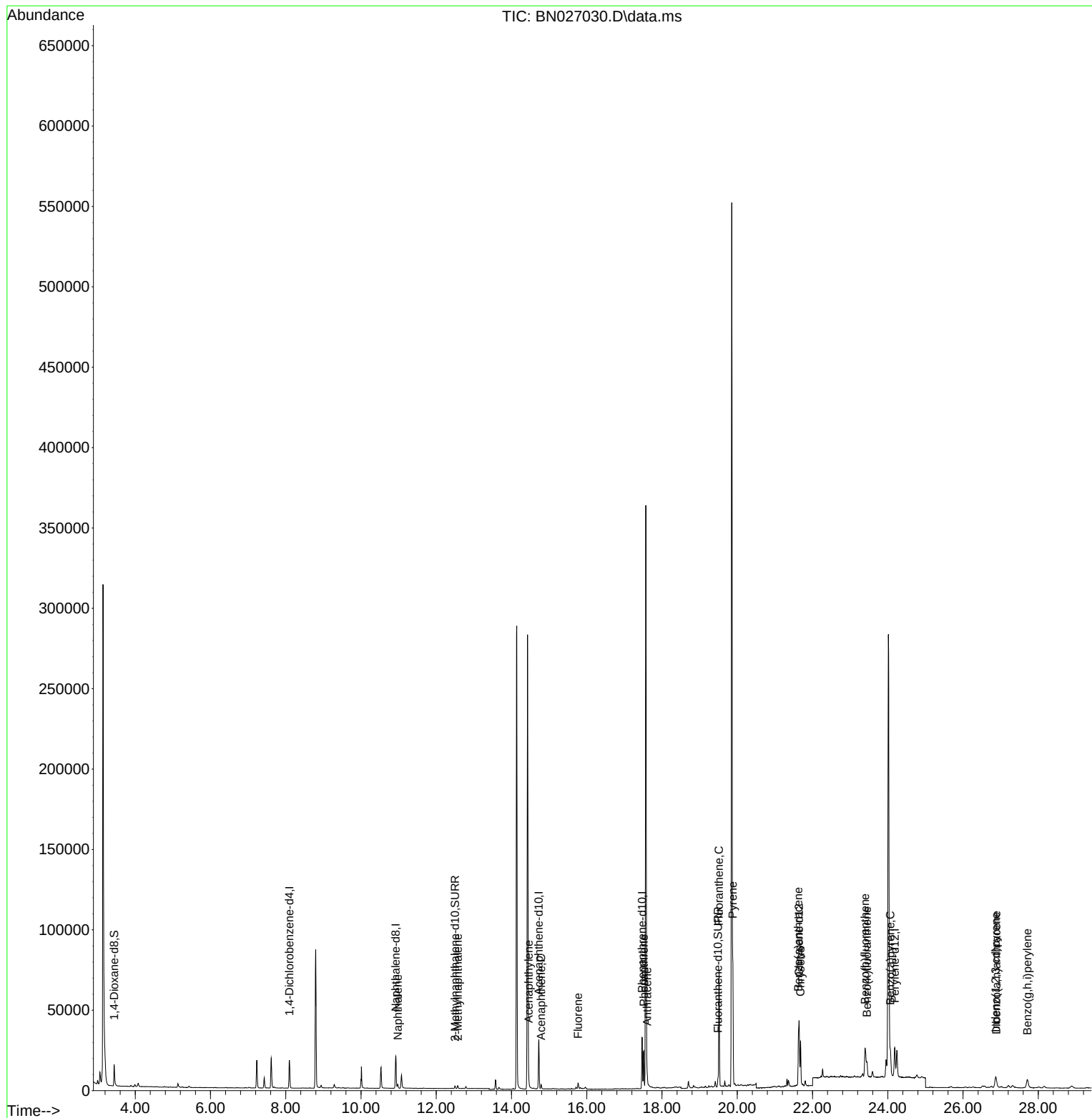
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027030.D
Acq On : 22 Aug 2023 17:09
Operator : MA/JU
Sample : 03967-18DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

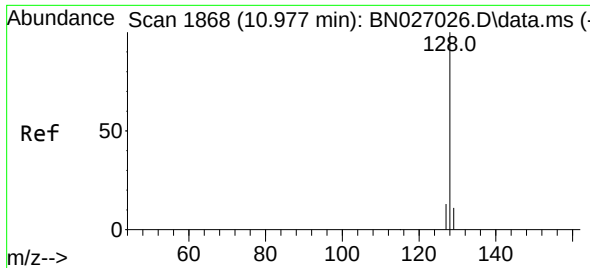
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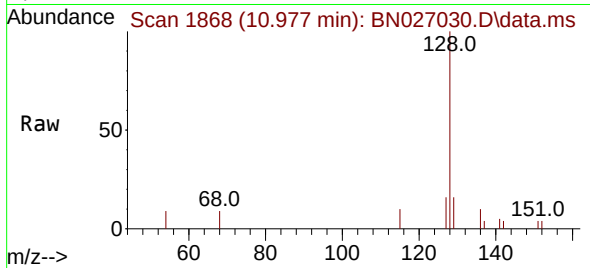
Quant Time: Aug 23 01:43:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09

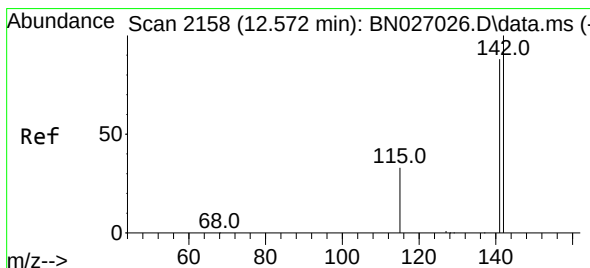
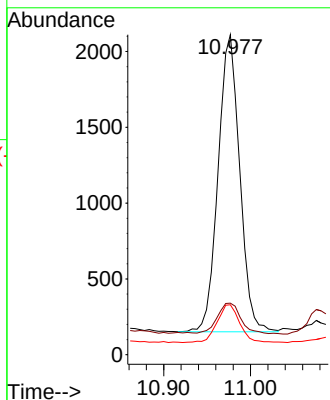
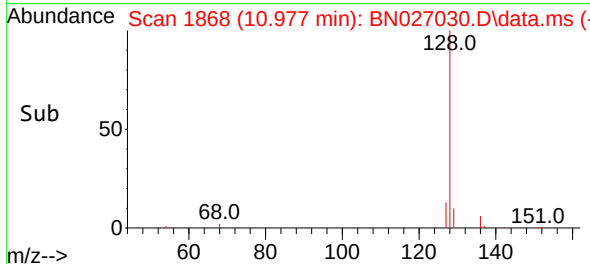
Instrument :
BNA_N
ClientSampleId :
A48M4DL



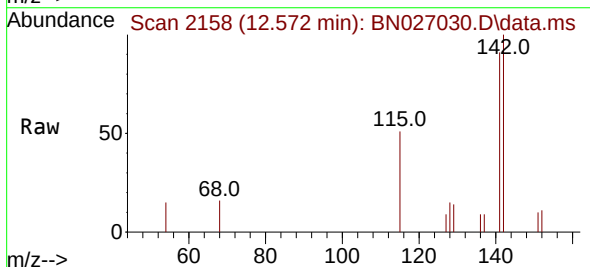
Tgt Ion:128 Resp: 3390
Ion Ratio Lower Upper
128 100
129 16.1 9.2 13.8
127 15.6 10.5 15.7

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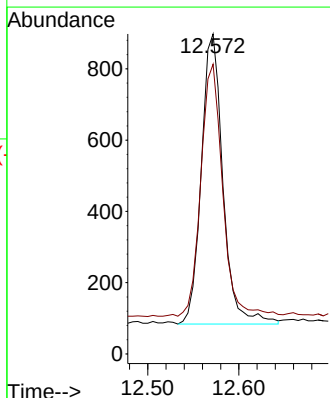
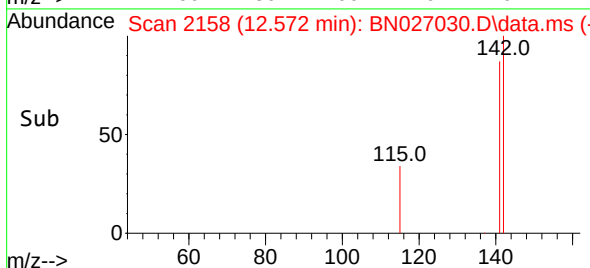
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

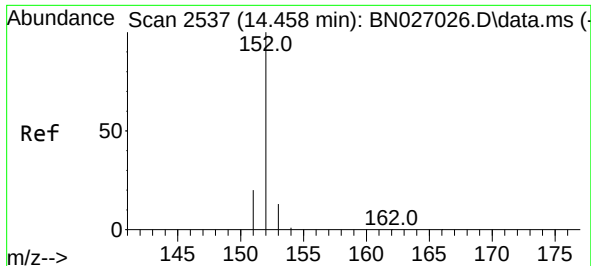


#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09



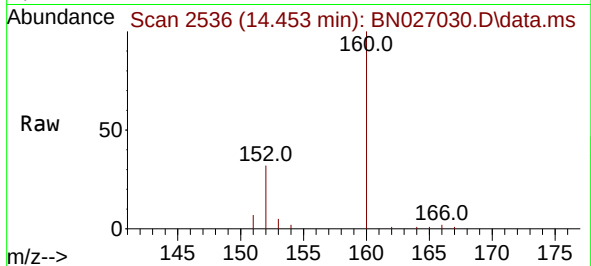
Tgt Ion:142 Resp: 1341
Ion Ratio Lower Upper
142 100
141 87.6 70.9 106.3





#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.453 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09

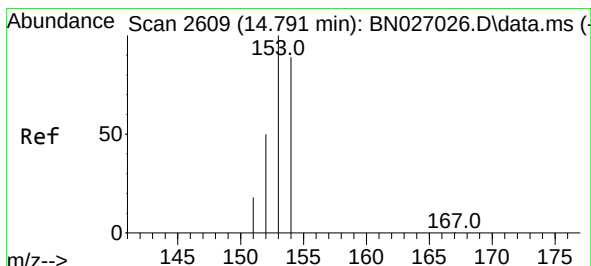
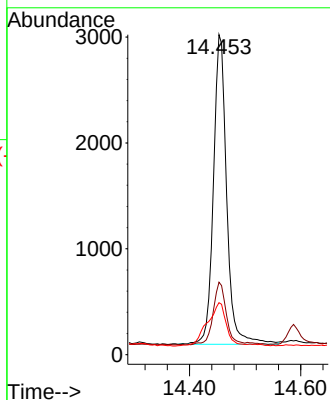
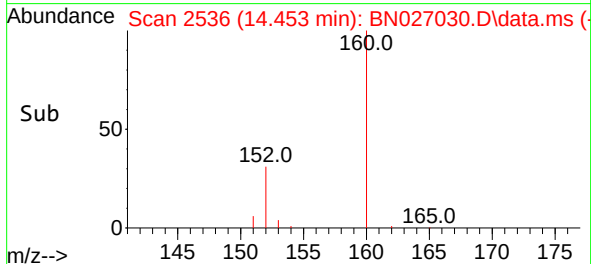
Instrument :
BNA_N
ClientSampleId :
A48M4DL



Tgt Ion:152 Resp: 484
Ion Ratio Lower Upper
152 100
151 22.6 15.9 23.9
153 16.2 11.0 16.6

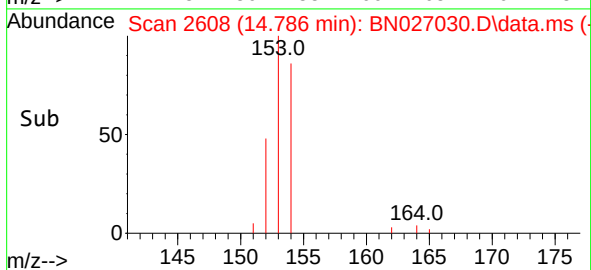
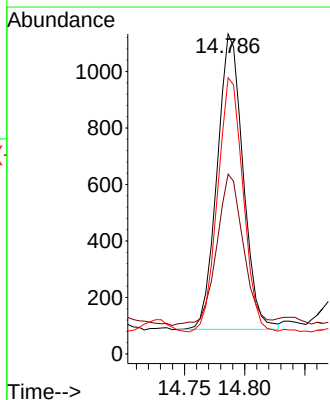
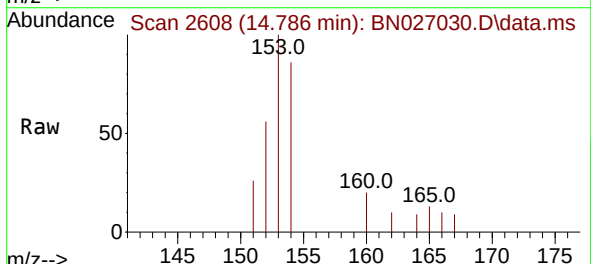
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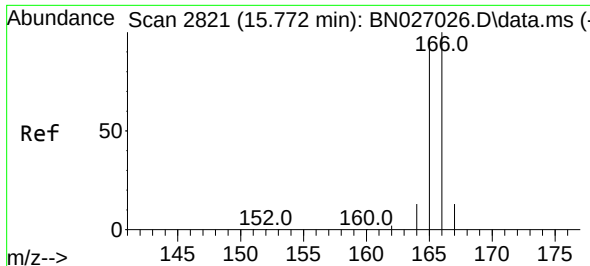
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.786 min Scan# 2608
Delta R.T. -0.005 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09

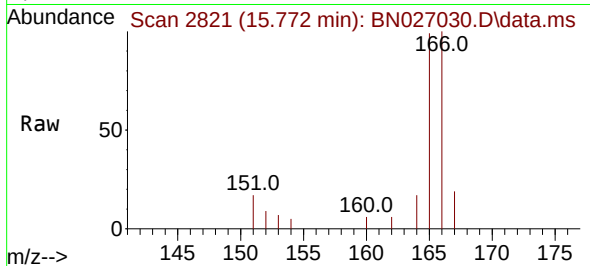
Tgt Ion:153 Resp: 1567
Ion Ratio Lower Upper
153 100
152 56.2 41.1 61.7
154 86.3 71.6 107.4





#12
Fluorene
Concen: 0.032 ng/uI
RT: 15.772 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09

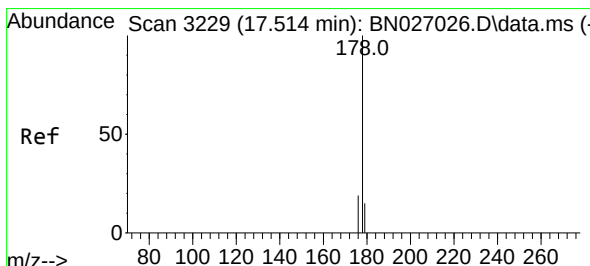
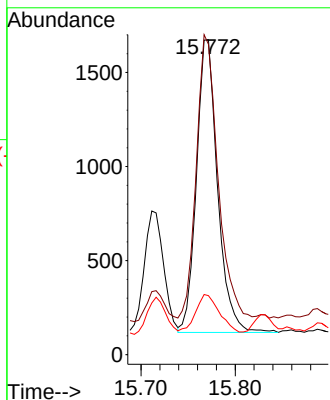
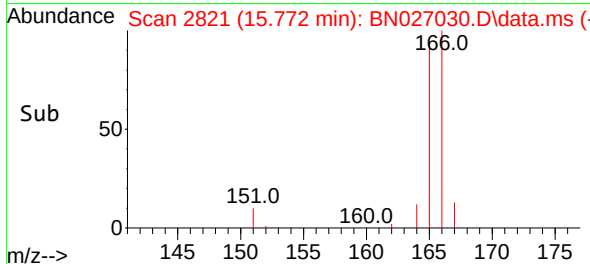
Instrument :
BNA_N
ClientSampleId :
A48M4DL



Tgt Ion:166 Resp: 2421
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 18.8 11.4 17.0

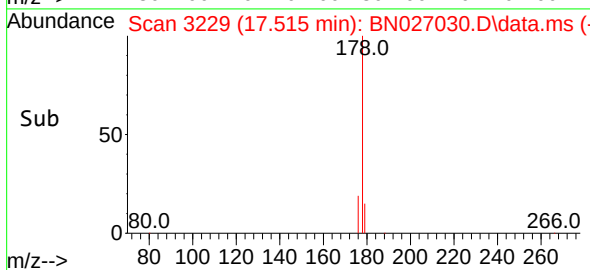
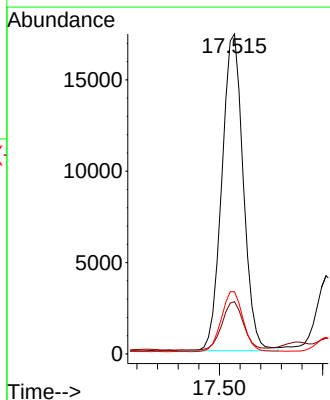
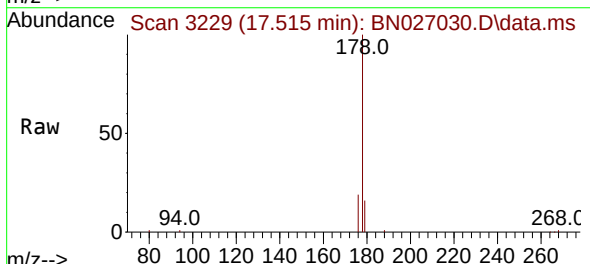
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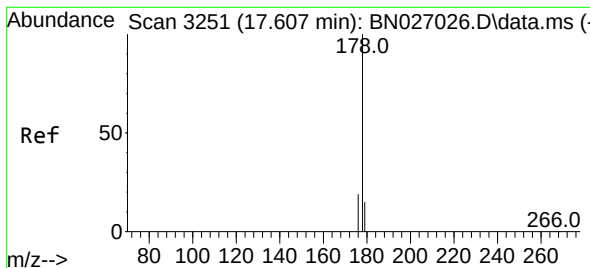
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#15
Phenanthrene
Concen: 0.197 ng/uI
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09

Tgt Ion:178 Resp: 24932
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.5 15.4 23.2





#16

Anthracene

Concen: 0.054 ng/ul

RT: 17.603 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027030.D

Acq: 22 Aug 2023 17:09

Instrument :

BNA_N

ClientSampleId :

A48M4DL

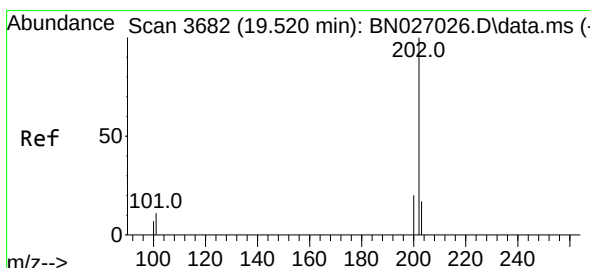
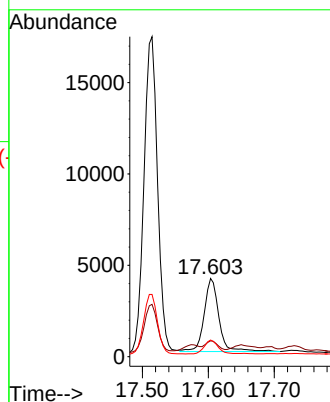
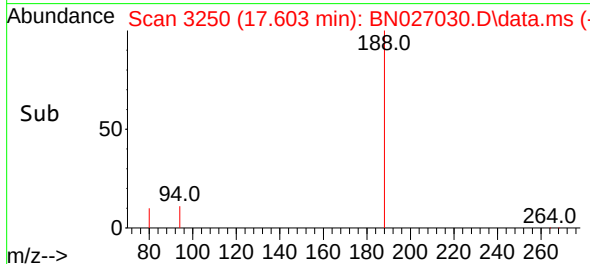
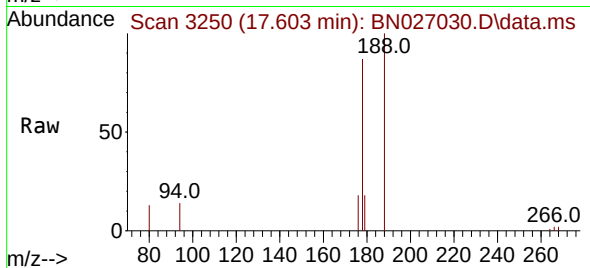
Tgt Ion:178	Resp:	6180
Ion Ratio	Lower	Upper
178	100	
179	20.2	12.6 19.0
176	21.3	15.0 22.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#19

Fluoranthene

Concen: 0.489 ng/ul

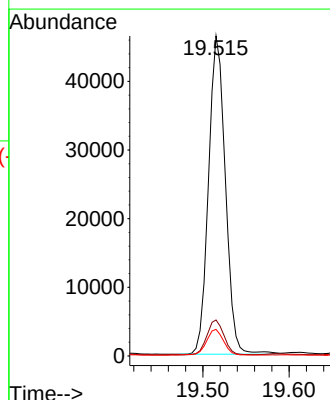
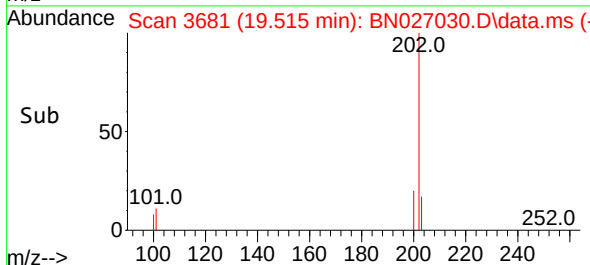
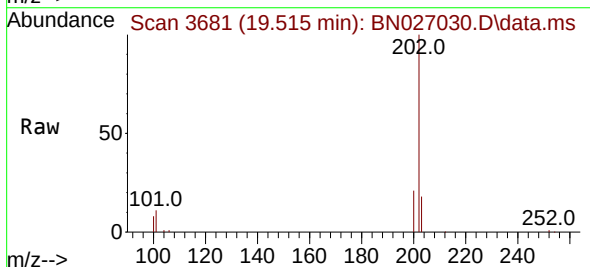
RT: 19.515 min Scan# 3681

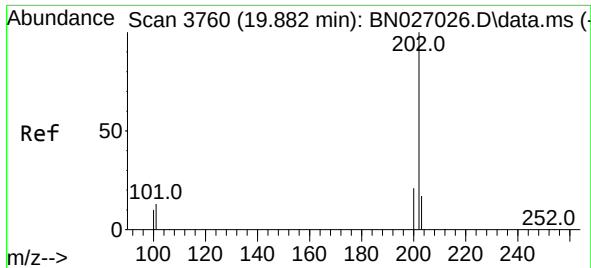
Delta R.T. -0.009 min

Lab File: BN027030.D

Acq: 22 Aug 2023 17:09

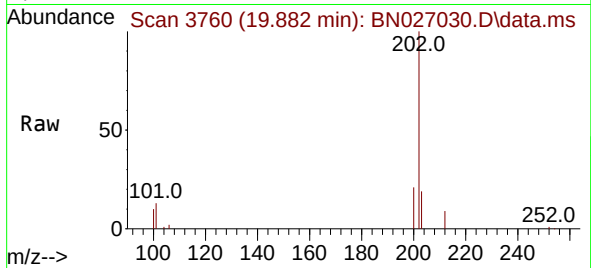
Tgt Ion:202	Resp:	63117
Ion Ratio	Lower	Upper
202	100	
101	11.3	8.3 12.5
100	8.3	6.2 9.2





#20
Pyrene
Concen: 0.434 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09

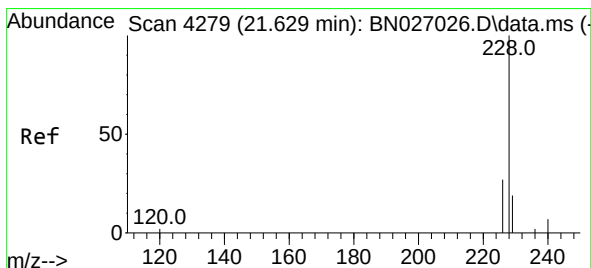
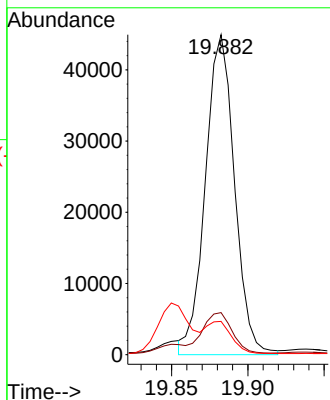
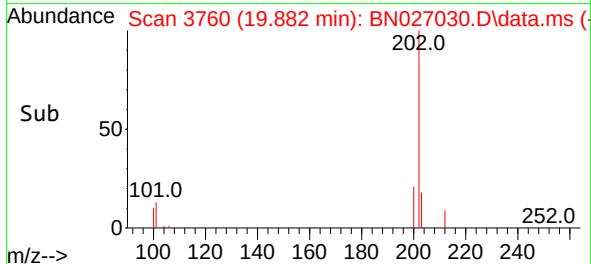
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ClientSampleId :
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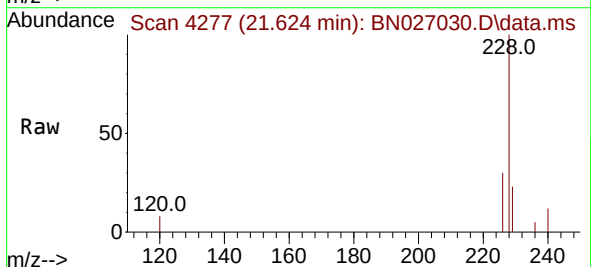
Tgt Ion:202 Resp: 5979
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.4 8.5 12.7

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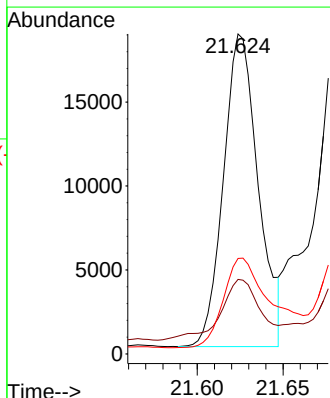
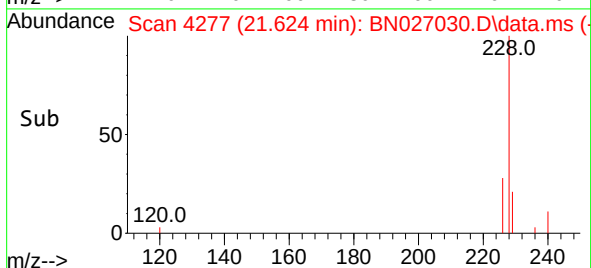
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Supervised By :mohammad ahmed 08/24/2023

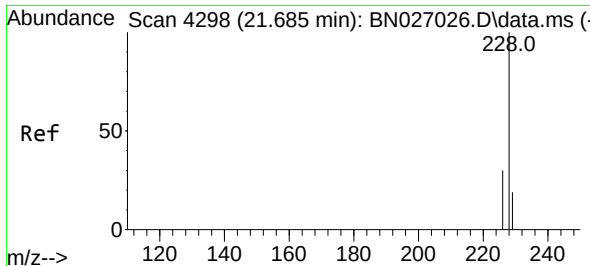


#21
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.624 min Scan# 4277
Delta R.T. -0.009 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09



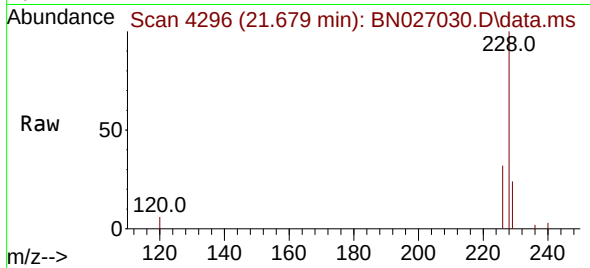
Tgt Ion:228 Resp: 26245
Ion Ratio Lower Upper
228 100
229 23.3 16.0 24.0
226 29.8 22.2 33.2





#22
Chrysene
Concen: 0.256 ng/ul
RT: 21.679 min Scan# 4298
Delta R.T. -0.012 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09

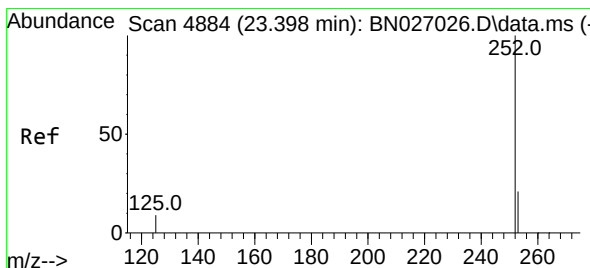
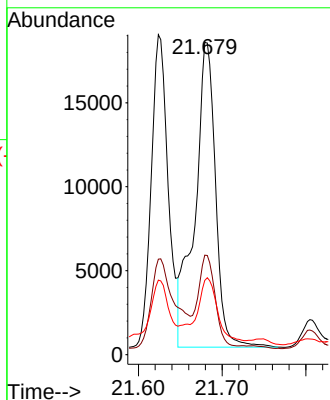
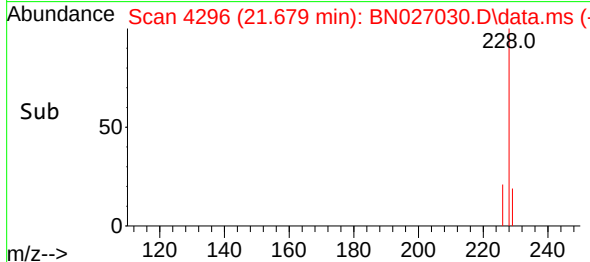
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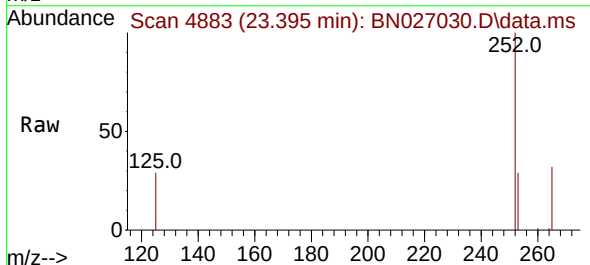
Tgt Ion:228 Resp: 31290
Ion Ratio Lower Upper
228 100
226 31.9 24.6 36.8
229 23.8 15.8 23.6

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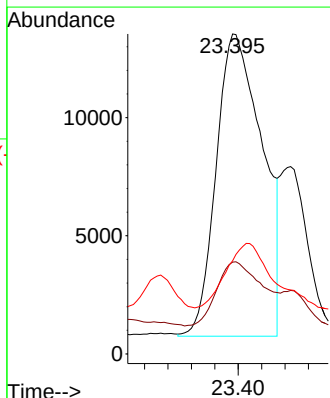
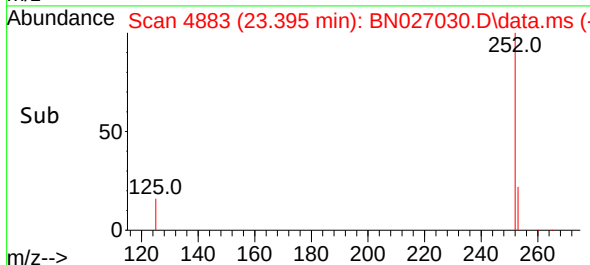
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

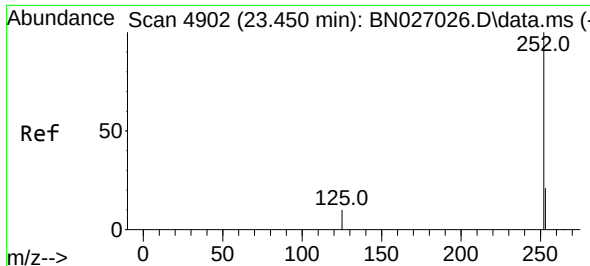


#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul m
RT: 23.395 min Scan# 4883
Delta R.T. -0.012 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09



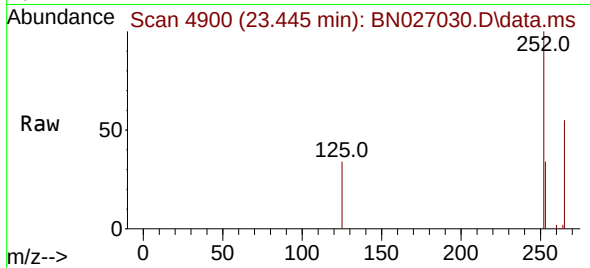
Tgt Ion:252 Resp: 35006
Ion Ratio Lower Upper
252 100
253 28.7 0.0 46.8
125 29.1 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.114 ng/ul m
RT: 23.445 min Scan# 4902
Delta R.T. -0.015 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09

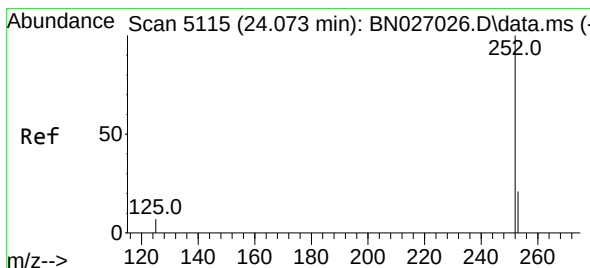
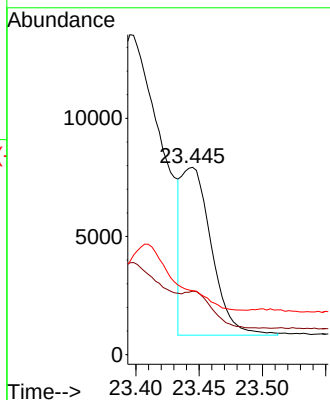
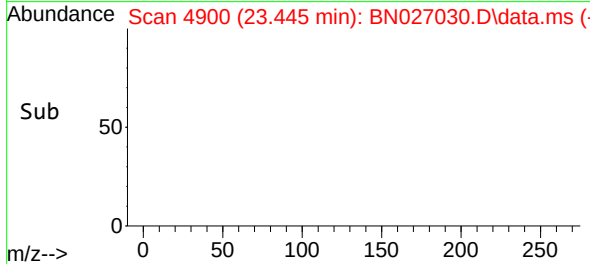
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ClientSampleId :
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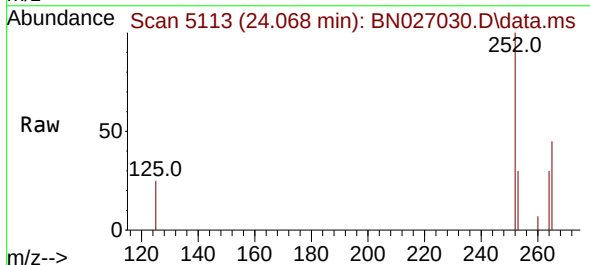
Tgt Ion:252 Resp: 11732
Ion Ratio Lower Upper
252 100
253 33.9 18.2 27.4#
125 34.2 9.9 14.9#

Manual Integrations
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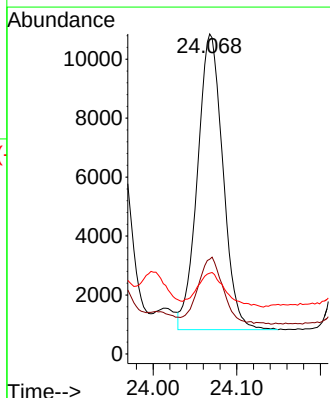
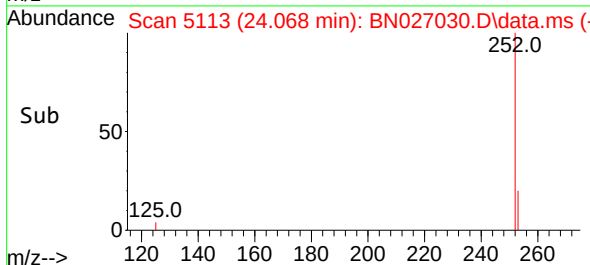
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

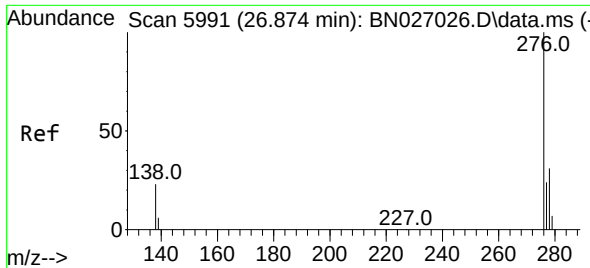


#26
Benzo(a)pyrene
Concen: 0.225 ng/ul
RT: 24.068 min Scan# 5113
Delta R.T. -0.018 min
Lab File: BN027030.D
Acq: 22 Aug 2023 17:09



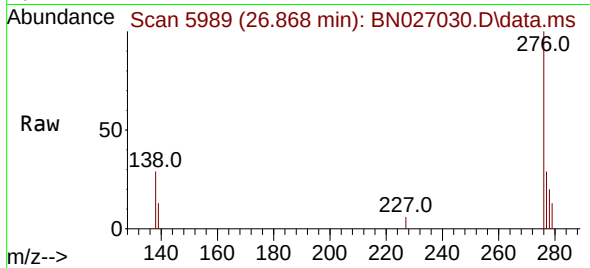
Tgt Ion:252 Resp: 21184
Ion Ratio Lower Upper
252 100
253 29.6 19.0 28.6#
125 25.3 11.4 17.0#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.108 ng/ul
 RT: 26.868 min Scan# 5989
 Delta R.T. -0.017 min
 Lab File: BN027030.D
 Acq: 22 Aug 2023 17:09

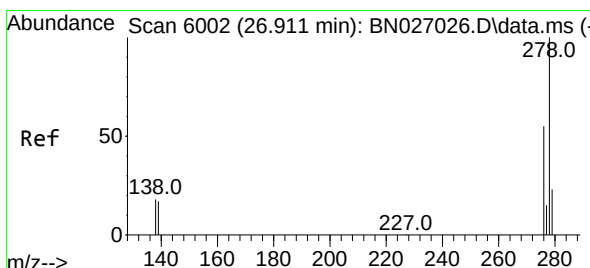
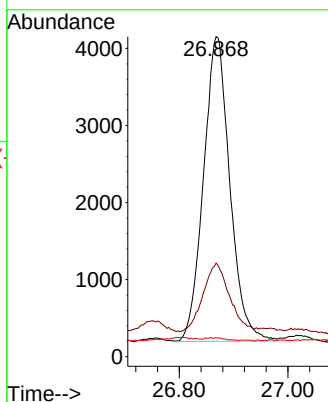
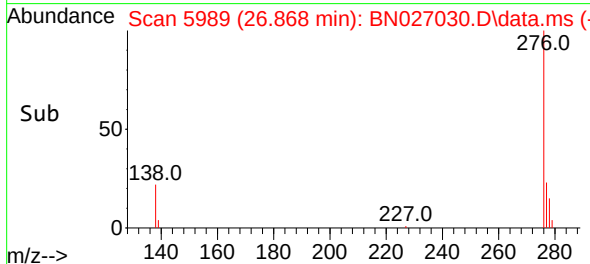
Instrument :
 BNA_N
 ClientSampleId :
 A48M4DL



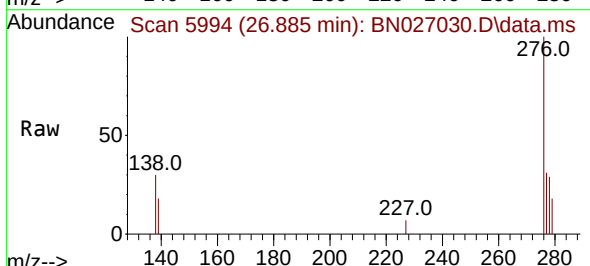
Tgt Ion: 276 Resp: 13339
 Ion Ratio Lower Upper
 276 100
 138 23.7 21.6 32.4
 227 1.0 0.0 0.0

Manual Integrations
 APPROVED

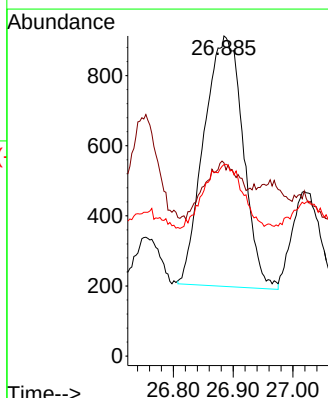
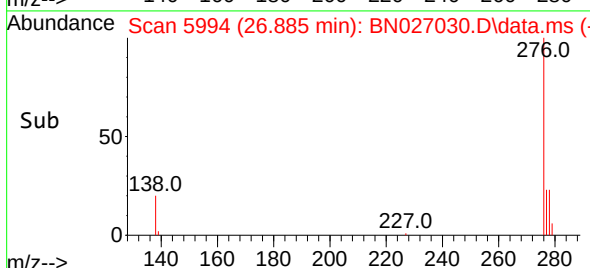
Reviewed By : Yogesh Patel 08/23/2023
 Supervised By : mohammad ahmed 08/24/2023

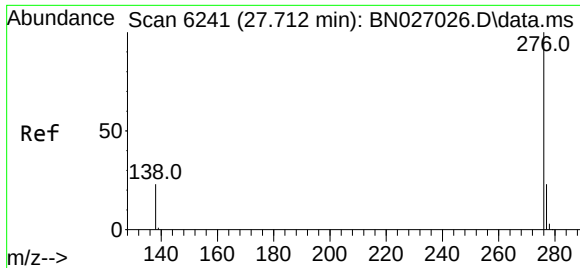


#28
 Dibenzo(a,h)anthracene
 Concen: 0.033 ng/ul
 RT: 26.885 min Scan# 5994
 Delta R.T. -0.037 min
 Lab File: BN027030.D
 Acq: 22 Aug 2023 17:09



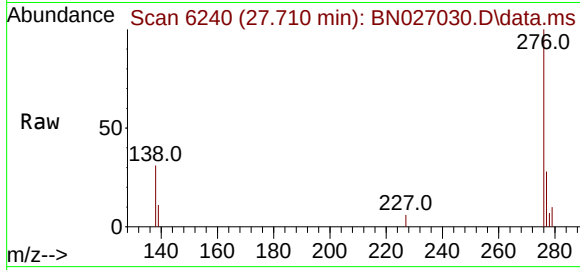
Tgt Ion: 278 Resp: 3252
 Ion Ratio Lower Upper
 278 100
 139 60.4 15.7 23.5#
 279 59.8 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.127 ng/ul
 RT: 27.710 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: BN027030.D
 Acq: 22 Aug 2023 17:09

Instrument :
 BNA_N
 ClientSampleId :
 A48M4DL



Tgt Ion:	276	Resp:	1301
Ion Ratio	Lower	Upper	
276	100		
138	30.6	19.3	28.9
277	28.5	19.8	29.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

